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January 28, 2004

(Date of Deposit)

Kenneth A. Gandy

Name of Registered Representative

Signature

January 28, 2004

Date of Signature

IU-033-CIP2-CON:KAG:231162

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:	)	Examiner: Dave T. Nguyen
David A. Williams	)	Group Art Unit 1632
Serial No. 09/394,867	)	
Filed: September 13, 1999	)	
METHODS FOR ENHANCED RETROVIRAL-MEDIATED GENE	)	
TRANSFER	)	

### REQUEST TO CORRECT INVENTORSHIP (37 CFR-1.48(c))

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Please correct the inventorship in the above-captioned patent application by adding as an inventor the following individual:

Vikram P. Patel 11117 Sceptre Ridge Terrace Germantown, MD 20876

The corrected inventorship on the application will then be David A. Williams and Vikram P. Patel.

02/02/2004 MAHHED1 00000073 233030 09394867

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#### **REMARKS**

The above-requested inventorship request is made due to the addition of claims to subject matter originally disclosed, but unclaimed. Accordingly, this request is made under the

provisions of 37 CFR 1.48(c). Also enclosed with this Request are the following items required by such provisions:

- (a) a statement of the added inventor, Vikram P. Patel that the addition is necessitated by amendment of the claims and that the inventorship error occurred without deceptive intent on his part;
  - (b) a Declaration by the actual inventors;
  - (c) the processing fee set forth in 1.17(i); and
- (e) a written consent of the assignee from David A. Williams, the original named inventor.

Please charge any additional fees that may be due to Deposit Account No. 23-3030, but not to include the payment of any issue fees.

Respectfully submitted

By:

Kenneth A. Gandy, Reg. No. 33,386

Woodard, Emhardt, Moriarty

McNett & Henry LLP Bank One Center/Tower

111 Monument Circle, Suite 3700

Indianapolis, Indiana 46204-5137

(317) 634-3456



IU-033-CIP2-CON:KAG:231161

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:	) Examiner: Dave T. Nguyen
David A. Williams and Vikram P. Patel	) Group Art Unit 1632
Serial No. 09/394,867	)
Filed: September 13, 1999	)
METHODS FOR ENHANCED RETROVIRAL-MEDIATED GENE TRANSFER	) ) )

## STATEMENT OF ADDED INVENTOR

Assistant Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450

Sir:

I am making this statement in support of a request for correction of inventorship for the above-captioned application. The correction of inventorship to add me as an inventor is necessitated by an amendment of the claims of the application. I was not aware of such amendment of the claims at the time that it was made. Therefore, there could not have been, and was not, any deceptive intention on my part in the making of the inventorship error.

Date: 1//17/2003

November 17, 2003

Vikram P. Patel

JAN 3 0 2001 20

WEMMH SB/01 (04-03)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwo	ork Reduction Act of	1995, no persons					OMB control number.					
DECLARATION FO			ey Docket Num									
DESIGN PATENT	APPLICATION	ON First N	Named Inventor	Davi	d A WILLIAMS	3						
(37 CFR <sup>-</sup>				COMP	LETE IF KNOW	WN						
	Declaration	Applic	ation Number	09/3	94,867							
Submitted	Submitted after	Filing	Date	Sept	ember 13, 199	9						
	Initial Filing (surcharge 37 CFI	:D Art Un	nit	1632	<u> </u>							
As a below named inventor, I he	1.16 (e) required) ereby declare that:			· · · · · · · · · · · · · · · · · · ·	e T. Nguyen							
My residence, mailing address,	, and citizenship ar	re as stated belo	ow next to my n	name.								
I believe I am the original, first, listed below) of the subject matt		ed and for which	a patent is sou	ught on the inv	ention entitled:		olural names are					
The specification of which is attached hereto OR	is attached hereto											
was filed on (MM/DD/YYY	''	/13/1999			Number or PC	T Internationa	ıl					
Application Number	09/394,867		amended on (I			2/2002	(if applicable).					
I hereby state that I have review any amendment specifically refe	ved and understanderred to above.	id the contents of	of the above-ide	entified specifi	cation, including	g the claims, a	s amended by					
I acknowledge the duty to disclo applications, material informatio international filing date of the co	on which became a	available betwee	o patentability a	as defined in 3 e of the prior a	7 CFR 1.56, inc pplication and	cluding for con the national or	itinuation in-part- PCT					
I hereby claim foreign priority be breeder's rights certificate(s), or States of America, listed below certificate, or of any PCT internal	r 365(a) of any PC <sup>-</sup> and have also ider	T international a	application which with checking the b	ch designated : box. anv foreig	at least one cou	untry other tha	in the United rentor's					
Prior Foreign Application	1	Foreign Fi			If Priority Not		Copy Attached?					
Number(s)	Country	(MM/DD	<u>/YYYY)</u>	Clai	med	YES	NO					
Additional foreign application	on numbers are lis	sted on a supple	mental priority	data sheet PT	O/SB/02B attac	ched hereto.						
I hereby claim the benefit under	U35 USC 119(e)	of any United S	tates provisiona	al application(s	s) listed below.							
Application Number	(s)	Filing Da	ate (MM/DD/YY	(YY)			-					
					nun sup	nbers are liste	ority data sheet					

Approved for use through 10/31/2002. OMB 0651-0032

231237 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to a collection of information unless it contains a valid OMB control number. I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. U.S. Parent Application or Parent Filing Date (MM/DD/YYYY) Parent Patent Number (If applicable) **PCT Number** 08/536,891 09/29/1995 6.033.907 PCT/US95/03817 03/27/1995 08/218.355 03/25/1994 5.686,278 Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Customer Number** Place Customer Number Bar Code Label Here OR Registered practioner(s) name/registration number listed below. Name **Registration Number** Registration Number Additional registered practitioner(s) named on supplemental Registered Practitioner Information Sheet PTO/SB/02C attached hereto. **Customer Number Bar** Direct all correspondence to: OR Correspondence address below Code Label Name Kenneth A. Gandy Address Woodard, Emhardt, Moriarty, McNett & Henry LLP **Address** 111 Monument Circle Suite 3700 City Indianapolis State IN ZIP 46204 Country Telephone (317) 634-3456 Fax (317) 637-7561 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon Name of Sole or First Inventor: A petition has been filed for this unsigned inventor. Given Name (first and middle [if any]) Family Name or Surname David A **WILLIAMS** Inventor's Signature Date 63 Residence City Indianapolis State IN Country US Citizenship Post Office Address 8800 Given Road Post Office Address Cincinatti City ОН State ZIP 45243 Country US

supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Additional inventors are being named on the \_\_1\_

DECLAR	ATION	Registered Practitioner Information (Supplemental Sheet)					
Name	Registration Number	Name	Registration Number				
C. David Emhardt	18,483	Jason A. Houdek	P54,620				
Joseph A. Naughton, Jr.	19,814	Michael S. Wherry	53,764				
John V. Moriarty	26,207	Michael C. Bartol	44,025				
John C. McNett	25,533						
Thomas Q. Henry	28,309						
James M. Durlacher	28,840						
Charles R. Reeves	28,750						
Vincent O. Wagner	29,596						
Steve Zlatos	30,123						
Spiro Bereveskos	30,821						
Clifford W. Browning	32,201						
R. Randall Frisk	32,221						
Daniel J. Lueders	32,581						
Kenneth A. Gandy	33,386						
Timothy N. Thomas	35,714						
Kurt N. Jones	37,996						
John H. Allie	39,088						
Holiday W. Banta	40,311						
Troy J. Cole	35,102						
L. Scott Paynter	39,797	i					
Charles J. Meyer	41,996						
Matthew R. Schantz	40,800						
Gregory B. Coy	40,967						
Lisa A. Hiday	40,036	1					
John V. Daniluck	40,581						
Christopher A. Brown	41,642		·				
Arthur J. Usher IV	41,359						
Douglas A. Collier	43,556						
Brad A. Schepers	45,431						
Scott J. Stevens	29,446	<u> </u>					
James B. Myers	42,021						
John M. Bradshaw	46,573						
Quentin G. Cantrell	47,469						
Charles P. Schmal	45,082						
David E. Novak	50,752						
Edward E. Sowers	36,015						
John L. Roberts	50,453						
John J. Emanuele	51,653						
Denise M. Gosnell	51,748	I					

ADDITIONAL INVENTOR(S)
Supplemental Sheet
PTO/SB/02A
Page \_\_\_\_\_\_ of \_\_\_\_\_

Name of Joint Inventor,	if any:	any: A petition has been filed for this unsigned inventor.											
Given Nan	ne (first	e (first and middle [if any]) Family Name or Surname											
	Vikram P P									PATEL			
Inventor's Signature	Date												
Residence	City	Germanto	own	St	tate	MD		Country	us		Citizenship	us	
Post Office Address	11117	11117 Sceptre Ridge Terrace											
Post Office Address													
City	Germ	antown			Stat	te	M	/ID	ZIP	20876	Country	us	
Name of Joint Inventor,	if any: A petition has been filed for this unsigned inventor.												
Given Name (first and middle [if any]) Family Name or Surname													
Inventor's Signature		Date											
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Given Nam	ne (first	and middle	[if any])						Fan	nily Name or	Surname		
Inventor's Signature										Date			
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DECLARATION FO				ney Docket Num							
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	Declaration		Applic	cation Number	09/39	867					
☐ Declaration · ☑ Submitted	Submitted after		Filing	_	Sept	tem	ber 13, 1999	9			
With Initial	Initial Filing		Art Ur		1632	2					
Filing OR	(surcharge 37 Cl 1.16 (e) required		<del></del>	iner Name	Dave	э T.	Nguyen				
As a below named inventor, I h			<u></u>						-		
My residence, mailing address			ated bel-	ow next to my r	ıame.						
I believe I am the original, first, listed below) of the subject ma	and sole inventor	r (if only	one nar	ne is listed belo	w) or an origina	al, f enti	first, and join ion entitled:	it inventor (if p	lural names are		
	METHODS FOR ENHANCED RETROVIRAL-MEDIATED GENE TRANSFER										
			(Title	of the Invention	n)						
The specification of which											
is attached hereto											
OR				•							
was filed on (MM/DD/YYY	~) <u>0</u> 9	9/13/1999	3	as United Sta	ites Application	n Nu	umber or PC	T Internationa	I		
Application Number	09/394,867			s amended on (I				2/2002	(if applicable).		
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I acknowledge the duty to disci applications, material informati international filing date of the o	on which became continuation-in-par	available rt applica	e betwer ition.	en the filing date	te of the prior a	appl	lication and t	the national or	PCT		
I hereby claim foreign priority b breeder's rights certificate(s), o States of America, listed below certificate, or of any PCT intern	or 365(a) of any P0 v and have also ide	PCT international control of the con	national : below, by	application which the to the total	ch designated : box, any foreig	at le gn a	east one cou application fo	untry other that or patent or inv	n the United entor's		
Prior Foreign Application		F	oreign F	iling Date	Check Only	If P	riority Not	Certified C	copy Attached?		
Number(s)	Country			DAYYY)	Clai	ime	:d	YES	NO		
Additional foreign applicat	tion numbers are	listed on	a suppl	emental priority	data sheet PT	ro/s	S8/028 attac	ched hereto.			
I hereby claim the benefit unde											
Application Numbe	r(s)		Filing D	ate (MM/DD/YY	<u>~~)</u>	$\lceil r \rceil$	7	*****			
	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.										

WEMMH SB/01 (04-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it contains a valid OMB control number.

Under the Papework Reduction Act of 1995, the parsons are required to a contection.  I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.												
U.S. Parent	Parent Application or Parent Filing Date (MM/DD/YYYY) Parent Patent Numb									tent Number (If	applicable)	
	536,89				09/2	29/1995	5			6,033,907		
PCT/U	\$95/03	817			03/2	27/199	5					
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Patent and Trade			r Number					] —		<b>→</b> [ F	Place Customer Bar Code Labe	
Registered practioner(s) name/registration number listed below.												
Name			Registra	tion Numbe	r		Name				Registration I	lumber
Additional r		nd proctiti	oner(s) nam	ed on supple	emental	Regist	ered Pr	actitione	er Inform	nation Sheet	PTO/SB/02C a	ttached hereto.
Direct all corres			- Cust	omer Numb							rrespondence a	
Name	Kenn	eth A. Ga	ndy									
Address				iarty, McNe	ett & He	nry LL	<u>.</u> P					,
Address			Circle Sui	te 3700	04-4-	Livi					ZIP 46	204
City	Indiar US	napolis		Tolo	State	(317	) 634-3	456				7) 637-7561
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Giv	en Nar	ne (first a	nd middle [ii	f any])					Fan	nily Name or	Sumame	
		David	d A							WILLIA	AS .	
Inventor's Sign	nature		wit	wil	lia		7_			Date	7/24/	63
Resid	dence	City	Indianapoli	s	State	IN	Со	untry	U\$.		Citizenship	us
Post Office Ad	dress	8800 Gi	ven Road									
Post Office Ad	dress											
	City	Cincina	itti	:	Sta	ite	ОН		ZIP	45243	Country	us
Additional in	ventor	s are bein	g named or	n the1	suppler	nental	Additio	nai Inve	ntor(s) s	heet(s) PTC	)/S8/02A attach	ed hereto.

DECLARAT	ION	Registered Practitioner In (Supplemental She	et)
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Denise M. Gosnell	51,748		•

ADDITIONAL INVENTOR(S)
Supplemental Sheet
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Page \_\_\_\_\_ of \_\_\_\_

Name of Joint Inventor,	if any:  A petition has been filed for this unsigned inventor.											
Given Nan	ne (first and middle [if any]) Family Name or Surname											
	Vikram P PATEL											
Inventor's Signature	7	rik	am	1	27	T	7			Date	11/17/	2023
Residence	City	Germante		Sta	ate	MD		Country	US		Citizenship	us
Post Office Address	11117	11117 Sceptre Ridge Terrace										
Post Office Address		· · · · · ·										
City	Germ	antown			Stat	te	N	ID	ZIP	20876	Country	us
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Given Name (first and middle [if any]) Family Name or Sumame												
Inventor's Signature		Date										
Residence	City State Country								Citizenship			
Post Office Address												
Post Office Address												
City					Stat	te			ZIP		Country	
Name of Joint Inventor,	if any:		A pe	etition	n has	been	file	ed for this un	signed	inventor.		
Given Nan	ne (first	and middle	[if any])						Farr	nily Name or	Sumame	
Inventor's Signature										Date		
Residence	City			Sta	ate			Country			Citizenship	
Post Office Address												
Post Office Address												
City					Stat	te			ZIP		Country	



IU-033-CIP2-CON:KAG:231184

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:	)	Examiner: Dave T. Nguyen
David A. Williams and Vikram P. Patel	)	Group Art Unit 1632
Serial No. 09/394,867	)	
Filed: September 13, 1999	)	
METHODS FOR ENHANCED	<i>)</i>	
RETROVIRAL-MEDIATED GENE	)	
TRANSFER	)	•

# CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP AND ESTABLISHMENT OF OWNERSHIP

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Advanced Research & Technology Institute, a not-for-profit corporation of the State of Indiana having a principal place of business at 351 West 10th Street Indianapolis, IN 46202, owner of the entire right, title, and interest in, to, and under the above-referenced patent application by assignment from inventor David A. Williams, hereby consents to the correction of inventorship to add inventor Vikram P. Patel filed herewith.

Documentary evidence of the chain of title from the original owner to Advanced Research & Technology Institute, Inc. is recorded with the United States Patent Office and can be found as follows:

- 1 -

Serial No.: 09/394,867 Inventors: Williams and Patel Attorney Docket No. 7037-377

- (1) Assignment from inventor David A. Williams to Indiana University Research Foundation: Reel 9053, Frames 0782-0783;
- (2) Assignment from Indiana University Research Foundation to Advanced Research & Technology Institute: Reel 8861, Frames 0293-0314.

The undersigned is empowered to sign this statement on behalf of the assignee Advanced Research & Technology Institute.

Date: 7/23/03	
---------------	--

Signature:

Title: PRESIDENT + OEO